

REMARKS

These remarks and the accompanying amendments are responsive to the Office Action dated September 7, 2004, having a shortened statutory period for response that ended December 7, 2004. A petition and fee for a one-month extension of time accompany this response, thereby extending the period for response until January 7, 2005.

As an initial matter, this amendment includes a slight amendment to the drawings in Figure 8C to correct an error detected upon further review of the application.

At the time of the last examination, Claims 1-26 were pending. By this amendment, Claims 1-4 are cancelled, Claims 5 and 6 are amended, Claims 7-12 are cancelled, Claim 13 is amended, Claims 14-24 are cancelled, Claims 25 and 26 are amended, and new Claims 27-30 are new. Accordingly, upon entry of this amendment, Claims 5, 6, 13, 25, 26 and 27-30 (of which only Claims 13 and 25 are independent) will be pending for further consideration.

The prior claims stand rejected as being anticipated or rendered obvious over United States patent number 6,181,944 issued to Uebayashi et al. (hereinafter referred to as "Uebayashi"), United States patent number 6,519,248 issued to Malko (hereinafter referred to as "Malko"), and/or United States patent number 6,463,273 issued to Day (hereinafter referred to as "Day").

Uebayashi merely discloses that a mobile communication system including multiple base stations that are interconnected two-dimensionally and offer radio communication services in individual service areas, each of said base stations comprising: information exchanging mechanisms for exchanging information about broadcast information with other base stations; and broadcast information generating mechanisms for generating broadcast information about a broadcasting area of said base station from information about broadcast information that is sent

from said other base stations and obtained by said information exchanging mechanisms; wherein the information about the broadcast information includes information for controlling coverage (e. g. , information for estimated position) of the information about the broadcast information.

Malko 2 merely discloses that any node, including a gateway node 16, can have one or more ports connected to one or more wireless communication devices like radio transceivers that enable the node to exchange packets with users located in the node's coverage area.

Day merely discloses that a wireless warning system for alerting and advising selected uses of a potential or existing emergency within a predetermined geographic area.

In contrast, Claim 25 recites a base station that offers radio communication services in a service area, the base station comprising: receiving means for receiving information about broadcast information sent from other base station, the broadcast information including information for controlling coverage of its own broadcast information; broadcast information generating means for generating broadcast information about a broadcasting area of said base station, based upon said received information about the broadcast information; judging means for judging whether a condition indicated by the controlling information is met or not, based upon said received information about the broadcast information; and transferring means for, when a result of the judgment meets the condition, transferring said received information about broadcast information to base stations other than said other base station which is a source of the information about broadcast information. The other independent claim 13 recites similar features from a method standpoint.

The above-recited combination of features allows for effective reduction of the number of base stations which conduct transmission processing of the same information, thereby advantageously allowing for reduced network traffic. This advantageous result is exemplified on

page 10, line 10 to page 11, line 6 and page II, line 18 to page 12, line 19 of the applicants' specification.

Uebayashi, Malko, and Day (either singly or in combination) do not disclose or suggest the above-described characterizing combination of features. Accordingly, the rejections of the claims should be withdrawn and is requested. Therefore, favorable action is respectfully requested.

In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this 29th day of December, 2004.

Respectfully submitted,



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AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Figure 8C. This sheet, which includes Figures 8A, 8B and 8C, replaces the original sheet including Figures 8A, 8B and 8C.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

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**BROADCAST INFORMATION ACQUISITION
REQUEST PACKET FORMAT**

| | | | |
|---|--|--|---------------------------|
| BASE STATION MULTICAST ADDRESS | SOURCE MOBILE STATION ADDRESS | BROADCAST INFORMATION ACQUISITION REQUEST COMMAND | HOPPING NUMBER |
|---|--|--|---------------------------|

FIG.8A

**BROADCAST INFORMATION ACQUISITION
REQUEST PACKET FORMAT**

| | | | |
|--|--|--|--|
| BASE STATION MULTICAST ADDRESS | SOURCE MOBILE STATION ADDRESS | BROADCAST INFORMATION ACQUISITION REQUEST COMMAND | LATITUDE AND LONGITUDE INFORMATION OF SOURCE MOBILE STATION |
| DESIRED VALUE OF PACKET COVERAGE (D DESIRE) | | | |

FIG.8B

**BROADCAST INFORMATION ACQUISITION
RESPONSE PACKET FORMAT**

| | | | |
|---|--|---|--|
| DESTINATION MOBILE STATION ADDRESS | SOURCE BASE STATION ADDRESS | BROADCAST INFORMATION ACQUISITION RESPONSE COMMAND | LATITUDE AND LONGITUDE INFORMATION OF SOURCE MOBILE STATION |
| BROADCAST INFORMATION | | | |

BASE

FIG.8C